

Appl. No. 09/726,785
Amendment/Response
Reply to Office Action of
August 18, 2003

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Amendments to the Claims:

A clean version of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121(c) (3). This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

4. (Currently Amended) A display device ~~(40)~~ comprising:

a plate ~~(36)~~ having longitudinal channels ~~(20)~~ and a peripheral part ~~(50, 51)~~, which is adjacent to at least one side of said longitudinal channels ~~(20)~~; and electrodes ~~(30, 31)~~ disposed in said longitudinal channels ~~(20)~~, said electrodes exiting said longitudinal channels ~~(20)~~ on said peripheral part ~~(50, 51)~~, wherein said peripheral part extends in a plane ~~(III)~~ between a bottom plane through the bottoms of said longitudinal channels ~~(20)~~ and a top plane ~~(II)~~ through the top of said longitudinal channels ~~(20)~~, and each channel comprises a sloping ramp ~~(55)~~ sloping from said bottom plane ~~(I)~~ to said plane ~~(III)~~ and ending in said peripheral part ~~(50, 51)~~.

5. (Currently Amended) A display device as claimed in claim 4, wherein said electrodes ~~(30, 31)~~ are provided at said bottom of said longitudinal channels ~~(20)~~ and each longitudinal channel comprises a central part ~~(52)~~ having a first depth, flanked on one or both sides by a second portion ~~(53)~~ having a reduced depth, a third portion ~~(54)~~ having a depth corresponding to said ~~first portion~~ central part (52), bottoms of the first, second and third portions extending in said bottom plane ~~(I)~~, and a fourth portion comprising said sloping ramp ~~(55)~~, said second portion forming ~~(53)~~ a groove in said plate, in which groove a sealing material is provided.

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6. (Currently Amended) A method of manufacturing a display device, the method comprising:

providing a plate (36) having longitudinal channels (20) and a peripheral part (50, 51) adjacent to at least one side of said channels;

disposing electrodes (30, 31) in said longitudinal channels, said electrodes extending in said channels (20) and exiting said channels on said peripheral part; and

providing said peripheral part in said plate at a depth between a bottom and a top of said longitudinal channels, wherein said channels are provided by moving a grinding wheel or grinding wheels across the plate along a direction, said grinding being started at a position away from an outer edge (57) of said plate (36) and being stopped before said grinding wheel reaches an opposite outer edge of said plate.

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